

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claim 45 has been canceled without prejudice or disclaimer, claims 1, 19, 23, and 43 have been amended, and new claims 46 through 58 have been added.

1. (Currently Amended) A method comprising:

causing, at least in part, ~~receiving~~ reception of at a user equipment of an information entity including data fields;

verifying internally at said user equipment, at least in part on the basis of an identification code ~~that associates~~ associated with the user equipment ~~and input by a user~~, that automatic[[ally]] insertion of information into at least one of said data fields of said information entity is allowed ~~by the user~~, the identification code being ~~one of a Subscriber Identity Module (SIM) serial number, or an international mobile station equipment identity (IMEI) code~~ a mobile equipment identity code assigned by a manufacturer of the user equipment, ~~or an internal mobile subscriber identity (IMSI) code~~;

when automatic[[ally]] insertion of information is allowed ~~by the user~~, automatically inserting at the user equipment information into at least one data field of the information entity based on information available at the user equipment; and

causing, at least in part, ~~transmitting~~ transmission of the information entity with said automatically inserted information from the user equipment over a wireless interface, wherein the user equipment is a mobile phone.

2. - 8. (Canceled)

9. (Previously Presented) A method as claimed in claim 1, wherein at least part of the information automatically inserted in the information entity is obtained from a storage unit provided at the user equipment or from another information entity available for the user equipment.

10. - 11. (Canceled)

12. (Previously Presented) A method as claimed in claim 1, wherein the information is automatically inserted by a transaction processing unit of the user equipment in a predefined manner and in accordance with predefined instructions that define the information that is to be inserted in the information entity in response to an event.

13. - 15. (Canceled)

16. (Previously Presented) A method as claimed in claim 1, wherein said information entity is a standardized data entity.

17. (Canceled)

18. (Previously Presented) A method as claimed in claim 16, wherein said data entity is based on the Electronic Commerce Modeling Language or an electronic data card format.

19. (Currently Amended) A method as claimed in claim 18, wherein the electronic data card format comprises an electronic business card ~~or an electronic calendar format.~~

20. (Previously Presented) A method as claimed in claim 1, comprising communicating transaction information via an interface that is based on at least one of the following: short message service (SMS); wireless application protocol (WAP); internet protocol (IP); a short range radio link; a proximity card type interface; or an infrared link.

21. (Previously Presented) A method as claimed in claim 20, comprising receiving the information entity via a first type of interface and returning the information entity via a second type of interface.

22. (Original) A method as claimed in claim 1, wherein the user equipment communicates with a base station of a cellular communication network.

23. (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

cause, at least in part, ~~receiving~~ reception of an information entity including data fields;

verify internally at said apparatus, at least in part on the basis of an identification code ~~that~~

~~associates~~ associated with the user equipment ~~and input by a user~~, that automatic[[ally]]

insertion of information into at least one of said data fields of said information entity is

allowed ~~by the user~~, the identification code being ~~one of a Subscriber Identity Module~~

~~(SIM) serial number, or an international mobile station equipment identity (IMEI) code a~~

mobile equipment identity code assigned by a manufacturer of the user equipment, or an internal mobile subscriber identity (IMSI) code;

when automatic[[ally]] insertion of information is allowed ~~by the user~~, automatically insert at the apparatus information ~~available for the processing unit~~ into at least one of said data fields of the information entity; and

cause, at least in part, transmission of the information entity with said automatically inserted information from the apparatus to a co-operative device over a wireless interface,

wherein the apparatus is a mobile phone.

24. (Previously Presented) An apparatus as claimed in claim 23, wherein the apparatus is further caused to store information, and to fetch information from said storage unit and to insert said information from the storage unit into the information entity.

25. (Previously Presented) An apparatus as claimed in claim 23, wherein the apparatus is further caused to obtain information from at least one other information entity and to insert said information from the at least one other information entity into said information entity that is the subject of the information insertion procedure.

26. - 29. (Canceled)

30. (Previously Presented) A method according to claim 1, wherein the information entity is a form, and the form is selected from the group consisting of a billing details form and a shipping details form.

31. (Canceled)

32. (Previously Presented) An apparatus according to claim 23, wherein the information entity is a form.

33. -35. (Canceled)

36. (Previously Presented) A method according to claim 1, wherein the information automatically inserted into the information entity comprises at least one of:

name;

address;

credit card number;

telephone number; and

passport number.

37. - 39. (Canceled)

40. (Previously Presented) A method as claimed in claim 1, further comprising enabling the service provider to indicate a selected one of options including acceptance and rejection of the information supplied for inclusion in a form based on a comparison of the identification code to a record of codes.

41. (Canceled)

42. (Previously Presented) A method as claimed in claim 1, wherein the information automatically inserted is available internally at the user equipment without accessing an external database external to the user equipment.

43. (Currently Amended) A method as claimed in claim 1, wherein the identification code is input when the user equipment is switched on, the automatic insertion of information is kept in an authorized state as long as the user equipment is on.

44. (Previously Presented) A method as claimed in claim 1, wherein the information entity is verified every time prior to automatically insertion of the information.

45. (Canceled)

46. (New) A method comprising:

causing, at least in part, reception of at a user equipment of an information entity including data fields;

verifying internally at the user equipment, at least in part on the basis of an identification code associated with the user equipment, that automatic insertion of information into at least one of the data fields of the information entity is allowed, the identification code being a mobile subscriber identity code assigned by a mobile service operator to a subscriber during initiation of the user equipment;

when automatic insertion of information is allowed, automatically inserting at the user equipment information into at least one data field of the information entity based on information available at the user equipment; and

causing, at least in part, transmission of the information entity with the automatically inserted information from the user equipment over a wireless interface, wherein the user equipment is a mobile phone.

47. (New) A method as claimed in claim 1, wherein the identification code is input by a user of the user equipment.

48. (New) A method as claimed in claim 1, wherein the identification code is stored in the user equipment.

49. (New) A method as claimed in claim 1, wherein the identification code is globally unique.

50. (New) A method as claimed in claim 1, wherein the identification code is an international mobile equipment identity (IMEI).

51. (New) A method as claimed in claim 1, further comprising: verifying internally at the user equipment, at least in part on the basis of an input derived from a user, that the automatic insertion of information into at least one of the data fields of the information entity is allowed by the user.

52. (New) A method as claimed in claim 1, further comprising:
purchasing an entrance ticket via the wireless interface from a ticket issuer; and
redeeming the ticket at an entrance gate by using of the user equipment as an authorization device for the entrance gate.

53. (New) A method as claimed in claim 1, further comprising:

detecting that information required in another information entity available in the information entity;

verifying internally at the user equipment that automatic insertion of the required information into at least one of the data fields of the other information entity is allowed; and

when automatic insertion of the required information is allowed, automatically inserting the required information into the at least one data field of the other information entity based on the required information available in the information entity.

54. (New) A method as claimed in claim 53, wherein the automatic insertion of the required information of the information entity into the other information entity is conditioned upon that the information entities are associated with an identical service provider.

55. (New) A method as claimed in claim 1, wherein the user equipment independently verifies, on the basis of the identification code associated with the user equipment, that automatic insertion of information into at least one of the data fields of the information entity is allowed.

56. (New) A method as claimed in claim 46, wherein the identification code is globally unique.

57. (New) A method as claimed in claim 46, wherein the identification code is an international mobile subscriber identity (IMSI).

58. (New) A method as claimed in claim 46, wherein the user equipment independently verifies, on the basis of the identification code associated with the user equipment, that automatic insertion of information into at least one of the data fields of the information entity is allowed.